



ENVIRONMENTAL LAW & POLICY CENTER
Protecting the Midwest's Environment and Natural Heritage

Washing Machine Early Retirement / Appliance Recycling Program

**Presentation to the Illinois Energy Efficiency Stakeholder
Advisory Group**

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Overview

Introduction

Program Overview

Expected Costs and Energy Savings

Next Steps





Introduction

- Clothes washing has second highest energy waste reduction potential in homes
(2014 PG/NSG wasted energy study)
- Currently, old and inefficient washers are sold on the secondary appliance market
- Proposed program would provide \$30 incentive for customers to recycle old washing machines



Program Overview

- Program Duration: 3 years
- Estimated annual participation: 1,000 per gas utility
- Eligible measures: working, top-loading residential clothes washers with a central agitator
- Delivery strategy:
 - Incentive for pickup during new washer delivery
 - Customer-scheduled pickup
 - Rebate to retailers who collect washers



Expected Costs

- Annual budget: \$120,000 per utility
 - \$30 rebate
 - \$90 labor/demanufacturing per washer
 - 1,000 participants



Expected Energy Savings

- Expected energy savings
 - Peoples: 70,175 therms / 666,856 kwh
 - North Shore: 21,420 therms / 246,520 kwh
 - Nicor: 21,420 therms / 246,520 kwh
 - Ameren: 21,420 therms / 246,520 kwh



Next Steps

- Feasibility: JACO closure, low scrap prices
- Cost effectiveness of delivery strategies
- Review work paper

- Questions?